



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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APR -1 2002

TC 2300 MAIL ROOM

Kazuhiro BARADA et al.

Group Art Unit: 2857

Application No.: 09/592,291

Filed: June 12, 2000

Docket No.: 106440

For: METHOD AND APPARATUS FOR MANUFACTURING MAGNETORESISTIVE ELEMENT, SOFTWARE AND SYSTEM FOR CONTROLLING MANUFACTURING OF MAGNETORESISTIVE ELEMENT, SOFTWARE FOR ESTIMATING RESISTANCE VALUE OF MAGNETORESISTIVE ELEMENT, AND COMPUTER SYSTEM

INFORMATION DISCLOSURE STATEMENT

Director of the U.S. Patent and Trademark Office
Washington, D.C. 20231

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Sir:

Technology Center 2100

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- ☒ 2. The references were cited in a counterpart foreign application. An English language version of the foreign search report is attached for the Examiner's information.
- ☒ 3. English-language Abstracts of the non-English language references are attached hereto.

Respectfully submitted,

James A. Oliff
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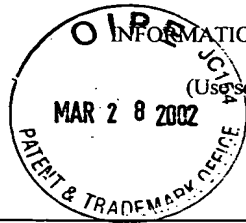
Joel S. Armstrong
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JAO:JSA/mlb
Date: March 28, 2002

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Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 106440		APPLICATION NO. 09/592,291	
<div style="text-align: center;">  <p>INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)</p> </div>				APPLICANTS Kazuhiro BARADA et al.			
				FILING DATE March 28, 2002		GROUP 2857	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
		5,203,119	04/20/1993	Cole			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
		JP 10-269530 abstract only	10/09/1998	Japan			
		JP 09-293214 abstract only	11/11/1997	Japan			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
EXAMINER					DATE CONSIDERED		
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Date: March 28, 2002